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MAHR SPOTLIGHTS

9|2016

DIGITAL INDICATORS 1075 R	**MARSURF PS10**	**MARCAL 16 EWRi**
DIGIMAR 817 CLM	**Mahr** Sign up to receive 'Tips' from Mahr's Gaging Guru **www.mahr.com/gagingtips**	**MARVISION QM 300**
MARVISION MM 320	**MMQ 150**	

Promotion prices valid from September 1st through December 30th 2016

Mahr Federal Inc. 1144 Eddy Street, Providence, RI 02905

1-800-343-2050 · www.mahr.com

A-475 0916-3

Caliper Redemption Event

TRADE UP TO THE EXACT ONE

Company names listed are trademarks or trade names of their respective companies. 2016

Do you have a digital caliper from Brown & Sharpe, Mitutoyo, Starrett, Sylvac or TESA? Are you interested in trading up your caliper?

Mahr will exchange these brands of calipers for a new MarCal 16 EWR digital caliper for $60 (a $185 value). Here is what it takes to trade up your caliper:

- Trade in must be a digital caliper from Brown & Sharpe, Mitutoyo, Starrett, Sylvac or TESA
- You must validate that the caliper is yours to dispose of
- One per customer (quantities are limited)
- This offer expires on Decemeber 30, 2016
- End users only

Your new caliper will be Mahr's MarCal 16 EWR, item 4103301, with 0-6 in (0-150 mm) measuring range, 0.0005 in (0.01 mm) switchable resolution, thumb wheel and round depth rod.

If you prefer to trade up to a digital caliper with integrated wireless, we will give you a coupon worth $200 towards the price of the wireless kit (wireless caliper, i-Stick receiver and software) when you trade up your digital caliper from Starrett, Mitutoyo, TESA, Brown & Sharpe or Sylvac. This wireless kit trade up offer is valid until December 30, 2016.

For trade up details go to [QR code] **or** **mahrexactly.com/CaliperRedemptionEvent**

300P Snap Gages for Outside iameters

300P snap gages are ideal for highly accurate and reliable results on cylindrical work pieces with tight tolerances.

PROMO PRICE

$842

◄ **ORDER NO. 300P-1**

-20%

PROMO PRICE ►

$1,043

ORDER NO. EDI-300P-1

▲ 300P series furnished with dial indicator with 0.0001 in graduations
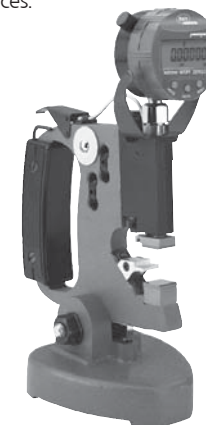
EDI and EMD series are furnished with digital indicators having inch /metric selection and adjustable resolution to 0.5 um / 020 uin

300P without Indicator	List Price	Promo Price	300P with Dial Indicator	List Price	Promo Price	Range
OMI-300P-1P	$818	**$654**	300P-1P	$1,053	**$842**	0-25 mm / 0-1 in
OMI-300P-2P	$825	**$660**	300P-2P	$1,060	**$848**	25-51 mm / 1-2 in
OMI-300P-3P	$842	**$674**	300P-3P	$1,077	**$862**	51-76 mm / 2-3 in
OMI-300P-4P	$845	**$676**	300P-4P	$1,080	**$864**	76-102 mm / 3-4 in
OMI-300P-5P	$855	**$684**	300P-5P	$1,090	**$872**	102-127 mm / 4-5 in
OMI-300P-6P	$1,120	**$896**	300P-6P	$1,346	**$1,077**	127-152 mm / 5-6 in
OMI-300P-7P	$1,130	**$904**	300P-7P	$1,356	**$1,085**	152-178 mm / 6-7 in
OMI-300P-8P	$1,170	**$936**	300P-8P	$1,396	**$1,117**	178-203 mm / 7-8 in
OMI-300P-9P	$1,240	**$992**	300P-9P	$1,466	**$1,173**	203-229 mm / 8-9 in
OMI-300P-10P	$1,360	**$919**	300P-10P	$1,586	**$1,269**	229-254 mm / 9-10 in

300P with uMaxum Digital Indicator	List Price	Promo Price	300P with Maxum Digital Indicator - No Output	List Price	Promo Price	Range
EDI-300P-1P	$1,304	**$1,043**	EMD-300P-1P	$1,294	**$1,034**	0-25 mm / 0-1 in
EDI-300P-2P	$1,311	**$1,049**	EMD-300P-2P	$1,301	**$1,041**	25-51 mm / 1-2 in
EDI-300P-3P	$1,328	**$1,062**	EMD-300P-3P	$1,318	**$1,054**	51-76 mm / 2-3 in
EDI-300P-4P	$1,331	**$1,065**	EMD-300P-4P	$1,321	**$1,057**	76-102 mm / 3-4 in
EDI-300P-5P	$1,341	**$1,073**	EMD-300P-5P	$1,331	**$1,065**	102-127 mm / 4-5 in
EDI-300P-6P	$1,606	**$1,285**	EMD-300P-6P	$1,596	**$1,277**	127-152 mm/ 5-6 in
EDI-300P-7P	$1,616	**$1,293**	EMD-300P-7P	$1,606	**$1,285**	152-178 mm / 6-7 in
EDI-300P-8P	$1,656	**$1,325**	EMD-300P-8P	$1,646	**$1,317**	178-203 mm / 7-8 in
EDI-300P-9P	$1,726	**$1,381**	EMD-300P-9P	$1,716	**$1,373**	203-229 mm / 8-9 in
EDI-300P-10P	$1,846	**$1,477**	EMD-300P-10P	$1,836	**$1,469**	229-254 mm / 9-10 in

MarVision SM 150 / SM 160 / SM 151 Stereo-Zoom Microscope

MarVision stereo-zoom microscopes offer optical inspection with interchangeable eyepieces, adjustable lens with distance and diopter compensation, mounting for LED ring light and an ergonomic hand wheel for left or right-handed operators. These are ideal for large workpieces.

▲ **Stereo-zoom microscope binocular view SM 150**

▲ **Stereo-zoom microscope trinocular view for camera documentation SM 160**

PROMO PRICE

$782

ORDER NO. 4245061P

-10%

PROMO PRICE

$1,080

ORDER NO. 4245062P

-10%

▲ **SM 160 with large working area**

Order No.	4245061P	4245063P	4245062P
List Price	$869	$1,380	$1,200
Promo Price	**$782**	**$1,245**	**$1,080**
Product	SM 150	SM 160	SM 151
Max. Height of Test Piece	110 mm / 4.3 in		
Working Distance	75 mm / 3 in		
Optical Tube	Binocular		Trinocular
Observation Tube Angle	45°		
Field of View	28–5 mm / 1.10-0.19 in		28–5 mm / 1.1-0.2 in
Magnification	Variable 7x – 45x		

INTRODUCING

MarSurf PS10 PS10

The NEW MarSurf® PS10 is a practical roughness measuring unit for mobile use. Using a smartphone-like 4.3 in TFT touch screen display, operation is fast, intuitive and user friendly. Our next generation MarSurf PS 10 measures 31 roughness parameters, incorporates a removable drive and provides laboratory level performance on the shop floor.

INTRODUCTORY PRICE

$2,600

ORDER NO. 6910230

▲ **With removable drive, touch display and intuitive operation the PS10 is versatile and easy to use.**

▲ **Increased versatility with removable drive**

▲ **Use as a portable gage or stand mounted**

Order No.	6910230	6910232
Introductory Price	**$2,600**	
Measuring Principle	Skid Probe System	
Number of Parameters	31 (DIN/ISO, JIS, ASME, MOTIF)	
Measuring Range	350 um / 0.014 uin	
Profile Resolution	8 nm / 3 uin	
Internal Memory	3,900 Profiles, 1500 pdf-files, 500,000 Results, Memory can be Extended with micro SD-Card up to 32 GB	
Description	PS10 Kit with 2 um Probe Tip	PS10 Kit with 5 um Probe Tip

μMaxμm® II Digital Comparator

The μMaxum II is a full feature, economical digital comparator ideal for mechanical gage applications. The μMaxum II is the top choice for bench or portable gage applications because it provides selectable resolution as well as all the features found in a bench amplifier.

PROMO PRICE

$330

ORDER NO. 2034101P

-15%

Order No.	List Price	Promo Price	Model	Range	Stem Diameter	Stem Length
2034101P	$389	**$330**	Standard	±1.00 mm / ±0.040 in	0.375 in	11.7 mm / 0.46 in
2034103P	$389	**$330**				38.0 mm / 1.50 in
2034201P	$486	**$413**	Advanced			11.7 mm / 0.46 in
2034203P	$486	**$413**				38.0 mm / 1.50 in

Digital Indicator 1075 R

1075 R digital indicators are equipped with the innovative reference system. The zero position only has to be set one time; once it is set, the zero remains stored for all further measurements. Therefore, when the indicator is switched ON or the measuring spindle is moved the indicator is immediately ready for measurement.
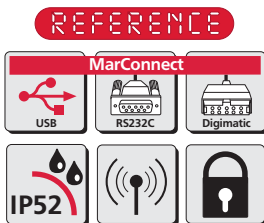
PROMO PRICE

$166

ORDER NO. 4336010P

-15%

REFERENCE

Order No.	List Price	Promo Price	Measuring Range	Resolution
4336010P	$195	**$166**	12.5 mm / 0.5 in	0.01 mm / 0.0005 in
4336020P	$264	**$235**		0.005 mm / 0.0001 in
4336030P	$321	**$272**		0.001 mm / 0.00005 in

In any zero point. All indicators with 8 mm stem diameter.

## MarVision QM 300 Video Workshop Measuring Microscope

The MarVision QM 300 is a full-featured measuring station designed for fast, close to the manufacturing process evaluation of cutting inserts or flat components such as punch and stamped parts. This instrument has a large field of view for fast multiple dimension measurements. The quick measure feature automatically recognizes pre-programmed parts and makes the required measurements without operator influence, improving performance and productivity.
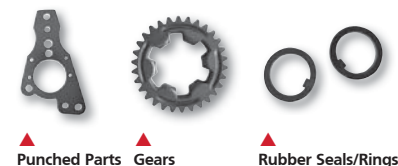
PROMO PRICE

$22,900

ORDER NO. 4247803P

-15%
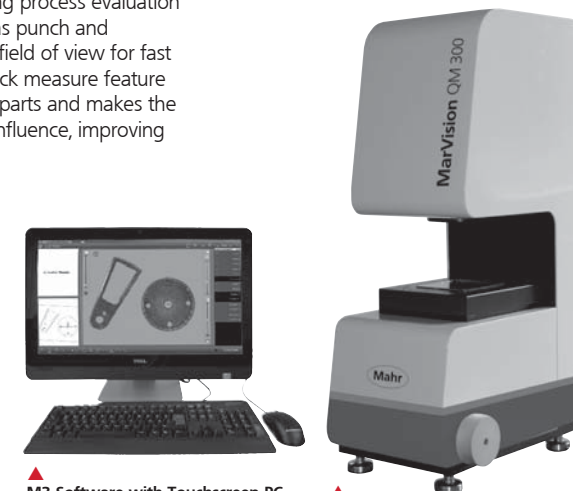
▲ **M3-Software with Touchscreen-PC**
(Similar to illustration; depends upon the PC manufacturer)

▲ **QM 300**

▲ **Punched Parts** ▲ **Gears** ▲ **Rubber Seals/Rings**

Order No.	4247803P	4247804P	4247805P
List Price	$27,000	$34,760	$38,970
Promo Price	**$22,900**	**$29,500**	**$32,900**
Measuring Range/Image Field	32 mm x 24 mm / 1.25 in x 1 in	57 mm x 42 mm / 2.3 in x 1.6 in	96 mm x 72 mm / 3.8 in x 2.8 in
Height Adjustment	30 mm / 1.18 in		
Measurement Error E_2	4.0+L/50 (L in mm)	4.0+L/50 (L in mm)	7.5+L/50 (L in mm)
Camera System	5 Megapixel USB 3		
Incident Light	LED Ring Light		
Max. Table Load	LED Telecentric		
Dimensions QM 300 D x W x H	330 mm x 230 mm x 580 mm / 13 in x 9 in x 23 in	330 mm x 240 mm x 720 mm / 13 in x 9.5 in x 28.4 in	340 mm x 250 mm x 820 mm / 13.4 in x 10 in x 32.3 in

Accessories for Microscopes: See Dimensional Metrology Catalog, Chapter 18

MarVision MM 320 Workshop Measuring Microscope

Digital Indicators MarCator 1086 R / 1086 Ri
Fixed Resolution
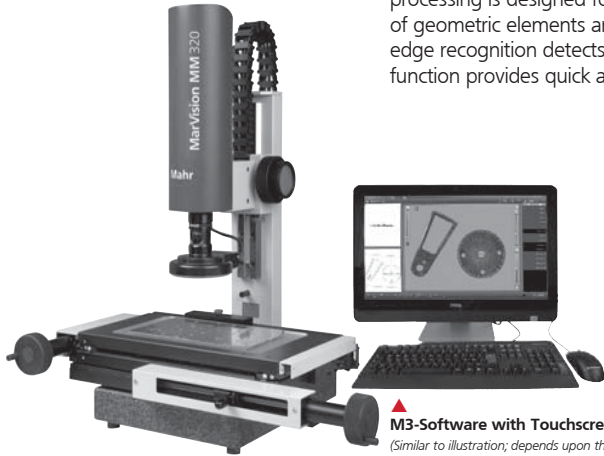
The MarVision MM 320 video measuring microscope with image processing is designed for the measurement and/or dimensioning of geometric elements and is extremely precise. Automatic edge recognition detects low contrast features and a multi-touch function provides quick and continuous variable magnification.

The 1086 digital indicators with fixed resolution incorporate the reference system which automatically stores the zero position for further measurements. All 1086 digital indicators come standard with MarConnect. If you need to document your data, we have integrated wireless indicators which offer integrated wireless data transmission, the optimal solution for transmitting your measured values to a PC.

PROMO PRICE

$23,900

ORDER NO. 26083801P

-15%

M3-Software with Touchscreen-PC
(Similar to illustration; depends upon the PC manufacturer)

PROMO PRICE

$306

ORDER NO. 4337130P

-15%

25 mm

12,5 mm

Order No.	26083801P	26084001P	26084201P
List Price	$28,991	$30,980	$39,070
Promo Price	**$23,900**	**$25,900**	**$32,900**
Measuring Range X/Y#	200 mm / 100 mm	250 mm / 170 mm	400 mm / 250 mm
	7.9 in / 3.9 in	9.80 in / 6.7 in	15.7 in / 9.8 in
Z Travel	200 mm / 400 mm** 7.9 in / 15.8 in**		
Measuring Table Dimensions	370 mm x 210 mm / 14 .6 in x 8.3 in	420 mm x 280 mm / 16.5 in x 11.0 in	600 mm x 480 mm / 23.6 in x 18.9 in
Max. Table Load	20 kg / 44 lbs		
Measuring System:	Built-In Incremental Measuring Scale		
- Resolution	0.001 µm / 0.00005 in		
- MPE E_1 X / Y in µm (L in mm)	1.9 +(L/100)		3.9 +(L/100)
- MPE E_2 XY in µm (L in mm)	2.9 +(L/100)		4.9 +(L/100)
Working Distance	85 mm / 3.3 in		
Max. Height of Test Piece	ca. 65 mm / 300 mm** 2.6 in / 11.8 in**		300 mm / 11.8 in
Illumination	LED Incident and Transmitted Light, Individually Adjustable		
Dimensions* H x W x D	700 mm x 650 mm x 550 mm	700 mm x 700 mm x 600 mm	800 mm x 1000 mm x 900 mm
	27.6 in x 25.6 in x 21.6 in	27.6 in x 27.6 in x 23.6 in	31.5 in x 39.4 in x 35.4 in
Magnification***	Zoom 35-225x		

* Measuring table is centered
** Extensions are optional
*** On screen
 # Specialized table sizes are available upon request, up to 1000 x 250 mm travel path

Accessories for Microscopes: see Dimensional Metrology catalog, Chapter 18

REFERENCE

IP42   MarConnect   USB   RS232C   Digimatic

ABS System

0 TOL

MarConnect integrated wireless

Order No.	Model	List Price	Promo Price	Measuring Range	Resolution	Wireless
4337130P	1086 R	$360	**$306**	12,5 mm / 0.5 in		
4337131P	1086 R	$470	**$400**	25 mm / 1 in		
4337132P	1086 R	$785	**$667**	50 mm / 2 in	0,01 mm / 0.0005 in	
4337133P	1086 R	$1025	**$871**	100 mm / 4 in		
4337134P	1086 Ri	$415	**$353**	12,5 mm / 0.5 in		X
4337135P	1086 Ri	$485	**$412**	25 mm / 1 in		X

All indicators with 8 mm stem diameter

Digital Indicators MarCator 1086 R/ 1086 Ri/ 1086 WR/ 1086 WRi

Selectable Resolution

The 1086 digital indicators with selectable resolution offer large display and wet-proof models, and incorporate the reference system which automatically stores the zero position for further measurements. All 1086 digital indicators come standard with MarConnect. If you need to document your data, we have integrated wireless indicators which offer integrated wireless data transmission, the optimal solution for transmitting your measured values to a PC.

50 mm

25 mm

12,5 mm

PROMO PRICE

$378

ORDER NO. 4337620P

-15%

IP42 | MarConnect USB | RS232C | Digimatic | (lock) | ABS System | 0 TOL | (wireless) | MarConnect integrated wireless

Order No.	Model	List Price	Promo Price	Measuring Span	Resolution	Wireless	Wet-Proof IP54
4337620P	1086 R	$445	**$378**	12,5 mm / 0.5 in			
4337621P	1086 R	$525	**$446**	25 mm / 1 in			
4337622P	1086 R	$880	**$748**	50 mm / 2 in			
4337623P	1086 R	$1100	**$935**	100 mm / 4 in			
4337650P*	1086 R	$445	**$378**	12,5 mm / 0.5 in			
4337651P*	1086 R	$525	**$446**	25 mm / 1 in			
4337624P	1086 Ri	$500	**$425**	12,5 mm / 0.5 in	0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm / 0.0002 in, 0.0005 in, 0.0001in, 0.0002 in, 0.0005 in	X	
4337625P	1086 Ri	$560	**$476**	25 mm / 1 in		X	
4337626P	1086 Ri	$915	**$778**	50 mm / 2 in		X	
4337627P	1086 Ri	$1125	**$956**	100 mm / 4 in		X	
4337628P**	1086 Ri	$575	**$489**	25 mm / 1 in		X	
4337640P	1086 WR	$550	**$468**	12,5 mm / 0.5 in			X
4337641P	1086 WR	$599	**$509**	25 mm / 1 in			X
4337142P	1086 WRi	$590	**$502**	12.5 mm / 0.5 in		X	X
4337143P	1086 WRi	$650	**$553**	25 mm / 1 in		X	X

Note all indicators with 8 mm stem diameter
* 3/8 in stem diameter
** No gaging spring

Digimar 817 CLM Height Measuring Instrument

The Digimar 817 CLM offers a wide range of measurement functions in both 1D and optional 2D, including dynamic measurement functions with analog display such as Max, Min and Max/Min. Operation is easy, with self-explanatory ISO standard icons, operator prompts, and menus in several different languages.

PROMO PRICE

$6,320

ORDER NO. 4429010P

-20%

2D | — | ⊥ | USB | RS232C | (wireless)

Order No.	4429010P	4429011P	4429012P
List Price	$7,900	$8,400	$15,000
Promo Price	**$6,320**	**$6,720**	**$12,000**
Measuring Range	0–350 mm / 0-14 in	0–600 mm / 0-24 in	0–1000 mm / 0-40 in
Range of Application	520 mm / 20.47 in	770 mm / 30.31 in	1170 mm / 46.06 in
Resolution	0.01 mm, 0.005 mm, 0.001 mm, 0.0005 mm, 0.0001 mm / 0.001 in, 0.0005 in, 0.0001 in, 0.00005 in, 0.00001 in		
Error Limit	(1.8 + L/600) L in mm		
Repeatability: Bore	1 μm		
Repeatability: Plane	0.5 μm		
Perpendicularity Error in μm	≤5 μm	≤6 μm	≤10 μm
Operating Time Max.	Up to 12 hours		
Measuring Force	1.0 +/–0.2 N		
Permissible Relative Air Humidity Non-Condensed	65%		
Working Temperature	20 ° C / 68 ° F		
Operating Temperature	10–40 ° C / 50-104 ° F		

Digimar Probe Accessory Set

Order No.	4429018P	4429019P
List Price	$1,110	$1,610
Promo Price	**$943**	**$1,368**
Probe Set	817 ts2	817 ts1

Digimar 816 CL Height Measuring Instrument

The Digimar 816 CL height gage provides highly accurate measurements without complicated procedures. Robust design and user-friendly operation combine with advanced features and functionality to improve dimensional measurement on the shop floor or in the lab.

PROMO PRICE

$5,050

ORDER NO. 4429030P

-10%

Order No.	4429030P	4429031P
List Price	$5,610	$6,030
Promo Price	**$5,050**	**$5,430**
Measuring Range	0–350 mm / 0-14 in	0–600 mm / 0-24 in
Range of Application From...To	540 mm / 21.26 in	770 mm /30.31 in
Resolution	0.01 mm, 0.001 mm / 0.0001 in, 0.00005 in	
Error Limit	(2.8 + L/300) L in mm	
Repeatability: Bore	3 μm	
Repeatability: Plane	2 μm	
Perpendicularity Error in μm	≤15 μm	≤20 μm
Operating Time Max.	Up to 14 h	
Measuring Force	1.0 +/–0.2 N	
Permissible Relative Air Humidity Non-Condensed	65%	
Working Temperature	20° C / 68° F	
Operating Temperature	10–40° C / 50-40° F	

Digital Indicators MarCator 1087 R/ 1087 ZR/ 1087 Ri/ 1086 BR/ 1086 BRi

Selectable Resolution

The 1087 digital indicators, with dynamic capabilities and analog bar graph, provide easy readings of MIN/MAX/MAX-MIN conditions and incorporate the reference system which automatically stores the zero position for further measurements. All 1087 digital indicators come standard with MarConnect. If you need to document your data, we have integrated wireless indicators which offer integrated wireless data transmission, the optimal solution for transmitting your measured values to a PC. The BR version is specifically designed for adjustable bore gage use and greatly enhances operator ease of use.

PROMO PRICE

$451

ORDER NO. 4337660P

-15%

▲ 12,5 mm Dynamic Capability   ▲ Bore Gage Version
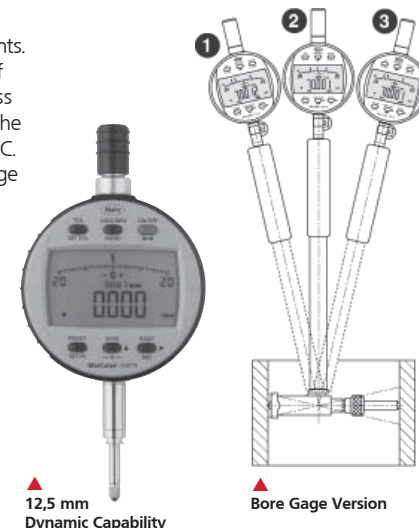
Order No.	Model	List Price	Promo Price	Measuring Range	Resolution	Wireless	Bore Gage Version
4337660P	1087 R	$530	**$451**	12,5 mm / 0.5 in	0.0005 mm, 0.001mm, 0.002 mm, 0.005 mm, 0.01 mm/ 0.0002 in, 0.0005 in, 0.0001 in, 0.0002 in, 0.0005 in		
4337661P	1087 R	$610	**$519**	25 mm / 1 in			
4337670P*	1087 ZR	$530	**$451**	12,5 mm / 0.5 in			
4337671P*	1087 ZR	$610	**$519**	25 mm / 1 in			
4337663P	1087 Ri	$575	**$488**	12,5 mm / 0.5 in		X	
4337665P	1087 Ri	$580	**$493**	25 mm / 1 in		X	
4337662P	1087 BR	$610	**$519**	12,5 mm / 0.5 in			X
4337664P	1087 BRi	$675	**$574**	25 mm / 1 in		X	X

* Note all indicators with 8 mm stem diameter

MarCal 16 EWRi Wireless Kit

▲ i-Stick Wireless Receiver

Wireless data transmission capability is integrated within MarCal digital calipers using proven wireless technology. These calipers are easy to read with a large clear digital display and include a number of advanced features such as lapped guideways, a reference system that retains the zero position setting, and a number of product options and accessories.

PROMO PRICE

$299

ORDER NO. 2121610P

-20%

IP67   MarConnect integrated wireless   🔒

Order No.	List Price	Promo Price	Measuring Range	Resolution	Depth Rod		Friction Wheel
2121610P*	$373	$299	150 mm / 6 in	0.01 mm / 0.0005 in	•		•
2121611P*	$373	$299				•	•

* Starter set includes an i-Stick wireless receiver and MarCom Std 5.0

MarCal 16 EWRi Digital Caliper

PROMO PRICE

$193

ORDER NO. 4103400P

-10%

IP67   MarConnect integrated wireless   🔒

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod DIN 862			Friction Wheel
4103400P	$214	$193	150 mm / 6 in	0.01 mm / 0.0005 in	0.03 mm/ 0.001 in	•	•		
4103401P	$214	$193				•	•		•
4103402P	$214	$193				•		•	
4103403P	$214	$193				•		•	•
4103404P	$248	$225	200 mm / 8 in			•		•	
4103405P	$248	$225				•		•	•
4103406P	$371	$335	300 mm / 12 in		0.04 mm / 0.0015 in				
4103407P	$371	$335							•

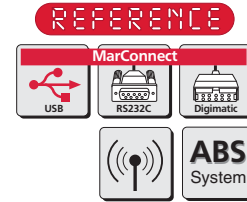## Digimar 814 SR Height Measuring and Scribing Instruments

The 814 SR is a perfect height measuring and scribing tool for surface plate layout work. Large easy-to-read display and simple operation make set up tasks easy.

PROMO PRICE

$810

ORDER NO. 4426100P

-10%

REFERENCE

MarConnect   USB   RS232C   Digimatic

((•))   ABS System

Order No.	4426100P	4426101P
List Price	$899	$1,299
Promo Price	$810	$1,170
Product	814 SR	
Measuring Range	0–350 mm / 0–14 in	0–600 mm / 0–24 in
Resolution	0.01 mm / 0.0005 in	
Details	Height of Digits: 12 mm	

Accessories

PROMO PRICE

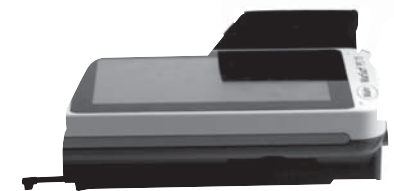**$117**

ORDER NO. EAS-3048P

-10%
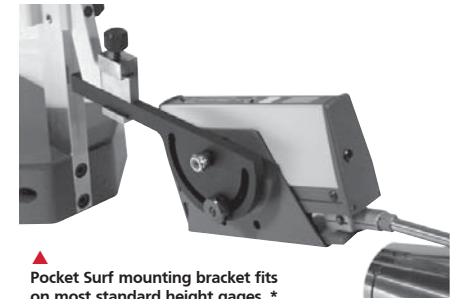
▲ **Pocket Surf mounting bracket fits on most standard height gages. ***

PROMO PRICE

$244

ORDER NO. 2247086P

-15%

▲ **Adjustable mounting bracket to connect the PS 10/ RD 18 to a 814 SR. ***

*Price does not include the Pocket Surf

Pocket Surf® IV The Portable Surface Roughness Gage

The Pocket Surf IV is simple to use and easy to read, displaying measurement results of Ra, Rz, or Rmax at a glance. This portable surface finish gage employs Mahr's unique MarConnect universal interface which allows USB, RS-232 or digimatic output of data simply by choosing the right cable.

PROMO PRICE

$1,950

ORDER NO. 2191800P

-15%

Order No.		2191800P	2191802P
List Price		$2,310	$2,310
Promo Price		**$1,950**	**$1,950**
Traverse Length (Nominal)	R_a/R_y	2.0 mm / 0.075 in 3.5 mm / 0.135 in	
	$R_a/R_z/R_{max}$	5.0 mm / 0.195 in	
Evaluation Length	R_a/R_y	0.8 mm / 0.030 in 2.4 mm / 0.090 in	
	$R_a/R_z/R_{max}$	4.0 mm / 0.150 in	
Number of Cutoffs/ Switch Position	R_a/R_y	1 3	
	$R_a/R_z/R_{max}$	5	
Traverse Speed		5.08 mm / 0.2 in per Second	
Cutoff		0.08 mm / 0.030 in ASME 2 RC-Filter	
Probe Type		Piezoelectric	
Maximum Stylus Force		15.0 mN / 1500 mgf	
Power		Consumer-Type Alkaline Battery, 9 Volt	
Battery Capacity		Approx. 2,500 Measurements, Depending on Frequency of Use and Output Option	
Operating Temperature		10° to 45°C / 50° to 113° F	
Storage Temperature		-20° to 65°C / -4° to 149° F	
Includes		EGH-1019: Probe, 90°, 10 µm Radius, PMD-90101 Certified Specimen, including Test Certificate	EGH-1026: Probe, 90°, 5 µm Radius, PMD-90101 Certified Specimen, Including Test Certificate

MarConnect i-Stick Wireless receiver for measuring instruments with integrated wireless

The MarConnect i-Stick is a wireless receiver for Mahr's measuring instruments. You can simply transfer your measured values directly to your PC via proven wireless technology with the i-Stick.

PROMO PRICE

$125

ORDER NO. 4102220P

MarConnect integrated wireless

-20%

Order No.	4102220P	2256190P
List Price	$159	$533
Promo Price	**$125**	**$450**
Scope of Supply	i-Stick + MarCom Standard 5.1	i-Stick + MarCom Professional 5.1
Channels	3	
Connectable Devices with Integrated Wireless	8 per Stick	
Radio Frequency MHz	2400	
Distance of Radio Wave	up to 6 m / 19.6 ft	
For Measuring Instruments	MarCal 16 EWRi / 30 EWRi MarCator 1086 Ri / 1087 Ri / 1087 BRi	

MarCom Professional 5.1 Software-Interface

MarCom Professional 5.1 software transfers measuring values directly into MS Excel or via a keyboard code into any Windows® program or SPC software using a virtual interface box.

MarConnect integrated wireless   RS232C   USB   ((•))

PROMO PRICE

$350

ORDER NO. 4102212P

Order No.	4102212P
List Price	$394
Promo Price	**$350**
Connected Wireless Receivers for the i-Stick	4
Connectable Devices with Integrated Wireless	32
Connected Wireless Receivers for the e-Stick	1
Connectable Sender Modules for the e-Stick	8
Connected Wireless Receivers FM 2	1
Connectable Sender Modules for the Wireless Receivers FM 2	100
Devices to be Connected with a USB Interface	128
Connectable USB Foot Switches	128
Devices to be Connected with an RS232C Interface	2
Virtual Interface Boxes (8 Inputs)	4

MarCal 16 EWR Digital Caliper with Reference System, Protection Class IP67 No Output
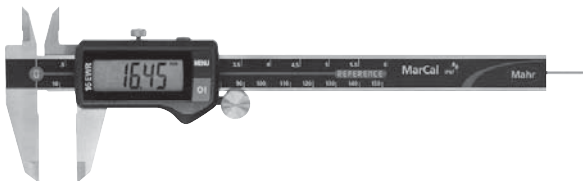
The MarCal 16 EWR features a new ergonomic design with lapped guideways and larger display, and offers IP67 protection against dust, coolants and lubricants, extended three-year battery life, and an innovative zero reference system which automatically stores the zero position for further measurements. Available for next day delivery.

PROMO PRICE

$155

-15%

ORDER NO. 4103301P

REFERENCE

IP67

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod		Friction Wheel
4103300P	$185	**$155**	150 mm / 6 in	0.01 mm / 0.0005 in	0.03 mm	•		
4103302P	$185	**$155**					•	
4103301P	$185	**$155**				•		•
4103303P	$185	**$155**					•	•

MarCal 16 EWR Digital Caliper with Reference System, Protection Class IP67 and Output

PROMO PRICE

$185

-15%

ORDER NO. 4103064P

IP67

REFERENCE

MarConnect
USB   RS232C   Digimatic

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod		Friction Wheel
4103064P	$221	**$185**	150 mm / 6 in	0.01 mm / 0.0005 in	0.03 mm / 0.001 in	•		
4103066P	$221	**$185**					•	
4103065P	$221	**$185**				•		•
4103067P	$221	**$185**					•	•
4103068P	$256	**$210**	200 mm / 8 in				•	
4103069P	$256	**$210**					•	•
4103070P	$383	**$299**	300 mm / 12 in		0.04 mm / 0.0015 in		•	
4103071P	$383	**$299**						•

MarCal 16 ER Digital Caliper

The MarCal 16 ER features a new ergonomic design with lapped guideways - perfect for your daily measurement needs. Supplied with case, battery and operating instructions.

PROMO PRICE

$115

ORDER NO. 4103010P

-10%

REFERENCE

DIN 862

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod		Friction Wheel
4103010P	$130	**$115**	150 mm / 6 in	0.01 mm / 0.0005 in	0.03 mm	•		
4103011P	$130	**$115**				•		•
4103012P	$130	**$115**					•	
4103013P	$130	**$115**					•	•

MarCal 16 ER Digital Caliper with Data Output

PROMO PRICE

$140

ORDER NO. 4103014P

-12%

REFERENCE
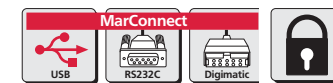
MarConnect
USB   RS232C   Digimatic

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod		Friction Wheel
4103014P	$160	**$140**	150 mm / 6 in	0.01 mm/ 0.0005 in	0.03 mm / 0.001 in	•		
4103015P	$160	**$140**	150 mm / 6 in		0.03 mm / 0.001 in	•		•
4103018P	$217	**$180**	200 mm / 8 in				•	
4103020P	$340	**$280**	300 mm / 12 in		0.04 mm / 0.0015 in		•	
4103016P	$160	**$140**	150 mm / 6 in		0.03 mm / 0.001 in		•	
4103017P	$160	**$140**	150 mm / 6 in		0.03 mm / 0.001 in		•	•
4103019P	$217	**$180**	200 mm / 8 in				•	•
4103021P	$340	**$280**	300 mm / 12 in		0.04 mm/ 0.0015 in			•